

ANNUAL REPORT  
 of the  
 MEDICAL OFFICER OF HEALTH  
 and of the  
 CHIEF SANITARY INSPECTOR  
 for the year  
 1940.



To the Chairman and Members of the Urban District Council  
 of Caterham and Warlingham.

Report of Medical Officer of Health.

Mr. Chairman, Madam and Gentlemen,

I beg to present a curtailed report for the year  
 1940.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area	...	...	...	...	8,250 acres.
------	-----	-----	-----	-----	--------------

Population : The Registrar General estimated the  
 civilian population in 1940 to be 24,560.

Number of Inhabited Houses at end of 1940 according to Rate Books	...	Figure not available.
Rateable Value	...	£274,509.
Sum represented by penny rate	...	£ 1,039.

VITAL STATISTICS.

The Registrar General has again supplied two sets  
 of figures relating to Births; one I.M. for the calculation  
 of infant and maternal mortalities, the other B.R. for use  
 in calculating Birth Rates.

Live Births.

	I.M.			B.R.		
	Total	Males	Females	Total	Males	Females
Legitimate ...	351	188	163	352	187	165
Illegitimate ..	16	10	6	16	10	6
	<u>367</u>	<u>198</u>	<u>169</u>	<u>368</u>	<u>197</u>	<u>171</u>

Birth Rate per 1,000 civilian population 14.98

Still Births.

	B.R.		
	Total	Males	Females
Legitimate ...	...	...	6
Illegitimate ..	...	0	0
	<u>15</u>	<u>9</u>	<u>6</u>

Rate per 1,000 total (Live and Still) births 41.26

Deaths.

	<u>Total</u>	<u>Males</u>	<u>Females</u>
	292	131	161

Death Rate per 1,000 of the estimated civilian Population 11.89

Deaths from puerperal causes.

	<u>Deaths.</u>	<u>Rate per 1,000 (live and still births.)</u>
Puerperal sepsis	...	0
Other puerperal diseases	...	<u>2.72</u>
	<u>1</u>	<u>2.72</u>

Deaths of Infants under one year of age.

	<u>Total</u>	<u>Males</u>	<u>Females</u>
Legitimate	...	...	...
Illegitimate	...	...	...
	<u>9</u>	<u>3</u>	<u>6</u>

Death rate of Infants under one year of age.

All infants per 1,000 live births	...	24.52
Legitimate Infants per 1,000 legitimate live births	...	25.64
Illegitimate Infants per 1,000 illegitimate live births	...	0.00
Deaths from Cancer (all ages)	...	33
" " Measles (all ages)	...	0
" " Whooping Cough (all ages)	...	0
" " Diarrhoea (under 2 years of age)	..	1

The district has again been free from epidemic disease and unusual or excessive mortality throughout the year. There is no evidence that the public health of the district was materially affected by war conditions.

BIRTH-RATE, DEATH RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR 1940.

Rate per 1,000 civilian Population.	Annual Death-Rate per 1,000 Civilian Population.	Rate per 1,000 Live Births.	
		Total deaths under one year.	Deaths (under two years).
England and Wales	14.6	0.55	14.3
126 County Boroughs and Great Towns, including London	16.0	0.64	15.8
148 Smaller Towns (Estimated Resident Populations 25,000- 50,000 at Census 1931)	15.7	0.55	12.8
London Administrative County	13.7	0.44	17.8
Caterham and Warlingham Urban District	11.73	0.61	11.89

<sup>2</sup> The Crude Death Rate is given; the Adjusted Death Rate is 12.25.

REGISTRAR GENERAL'S RETURN OF CAUSES OF DEATH IN THE DISTRICT.

<u>Cause of Death.</u>	<u>Males.</u>	<u>Females.</u>
<u>All Causes.</u>	131	161
Cerebro-spinal Fever	...	1
Diphtheria.	...	1
Tuberculosis respiratory system.	...	3
Other forms of tuberculosis.	...	3
Syphilitic diseases.	...	2
Influenza.	...	4
Cancer, bronchial cavity etc.	...	3
Cancer of stomach and duodenum.	...	3
Cancer of breast.	...	3
Cancer of all other sites.	...	15
Diabetes.	...	2
Intra cran. Vasc: lesions.	...	9
Heart disease.	...	39
Other diseases circulatory system.	...	4
Bronchitis.	...	9
Pneumonia.	...	10
Other respiratory diseases.	...	2
Ulcer stomach or duodenum.	...	7
Diarrhoea under 2 years.	...	1
Other digestive diseases.	...	5
Nephritis.	...	1
Other maternal causes.	...	1
Premature birth.	...	1
Congenital malformations etc.	...	1
Suicide.	...	2
Road Traffic Accidents.	...	1
Other violent causes.	...	10
All other causes.	...	9

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

Public Health Officers of the Authority.

The staff comprised the Medical Officer of Health, the Deputy Medical Officer - both part-time - the Chief Sanitary Inspector, two Additional Sanitary Inspectors and two Clerks. The Sanitary Inspectors are qualified Food Inspectors and also act as Inspectors under the Shops Acts.

I wish to thank all the members of the staff of the Public Health Department for the very valuable help they have given during the year. Owing to the great amount of extra work imposed upon the department by administration of the Casualty Service, the burden has been a heavy one. This has been met with willingness and always with a spirit of cheerfulness.

I would also thank the members of the Casualty Service, both Medical Officers and personnel for their keenness and painstaking service. Whatever short comings have been laid bare, either by practices or criticism, under enemy action the Service has left no doubt whatever as to its efficiency.

<u>Laboratory Facilities.</u>	)	
<u>Nursing in the Home.</u>	)	
<u>Clinics and Treatment Centres.</u>	)	No change.
<u>Hospitals.</u>	)	

#### Ambulance Facilities.

The Austin 20 ambulance formerly used by the Caterham Division of the St. John Ambulance Brigade for many years was replaced by a modern side-loading ambulance.

80% of the personnel of the First Aid Party Service are members of the St. John Ambulance Brigade and thus drivers for the St. John Ambulances now stand-by day and night at their Ambulance Depots.

#### SANITARY CIRCUMSTANCES OF THE AREA.

##### Water.

Water is sampled systematically by officers of the several districts supplied by the East Surrey Water Company. Four Samples were submitted for examination by your Chief Sanitary Inspector and all gave satisfactory results.

##### Public Cleansing.

House refuse. A weekly collection of house refuse was maintained throughout the whole of the urban district.

##### Shops.

19 shops were inspected in connection with the requirements of the Shops Act, 1934, relating to ventilation, temperature and sanitary conveniences, with the following results :-

		<u>Found.</u>	<u>Remedied.</u>	
Shops without means of suitable and sufficient ventila- tion	... ...	0	0	
Shops without means to maintain a reas- onable temperature..	0	3		<u>Exemption granted under Section 70.</u>
Shops without suitable and sufficient sanit- ary accommodation...	1	1	-	

##### Eradication of Bed-Bugs.

8 houses were found to be infested and were satisfactorily disinfested. No evidence of infestation was found at Council houses.

## FACTORIES.

### 1. Inspections.

<u>Premises.</u>	<u>Number of Inspections.</u>
Factories with mechanical power	... 49
Factories without " "	... <u>15</u>
TOTALS ...	... <u>64</u>

### 2. Defects found.

<u>Particulars.</u>	<u>Number of defects.</u>
	<u>Found.</u> <u>Remedied.</u>
Want of cleanliness ...	9
Ineffective drainage of floors..	- 1
Sanitary Conveniences :	
Unsuitable or defective	... - 1
Other offences ...	... <u>1</u> -
TOTALS ...	... <u>10</u> <u>11</u>

No cases were referred to H.M. Inspector of Factories and no legal proceedings were instituted.

### 3. Outwork in Unwholesome Premises. Nil.

### 4. Defaults, etc., notified by H.M. Inspector of Factories on Form 144 :- Nil.

### 5. Factories on Register at end of year :-

Factories with mechanical power	... 34)	
" Without " "	... 48)	82

Including 10 Bakehouses.

## HOUSING STATISTICS.

### (a) New Houses.

#### Number of new Houses erected during the year :-

By the Local Authority ...	... 16
By other bodies and persons	... 27
	<u>43</u>

### (b) Existing Houses.

#### 1. Inspection of Dwelling-houses during the Year :-

1. (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts ) ... ... 100
- (b) Number of Inspections (including re-inspections and visits to works in progress ) made for the purpose... 709

2.	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	...	...	...	0
3.	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	0	
4.	Number of dwelling-houses (exclusive of those referred to under the preceding sub- head) found not to be in all respects reasonably fit for human habitation..	...	...	86	

2. Remedy of Defects during the Year without Service of  
formal Notices :-

Number of defective dwelling-houses  
rendered fit in consequence of informal  
action by the Local Authority or their  
Officers

...	...	...	...	127
-----	-----	-----	-----	-----

3. Action under Statutory Powers during the year.

(a) Proceedings under Sections 9, 10  
and 16 of the Housing Act 1936 :-

(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	...	0
(2)	Number of dwelling-houses which were rendered fit after service of formal notices :-		
(a)	By owners	...	4
(b)	By local authority in default of owners...	...	0

(b) Proceedings under Public Health Acts :-

(1) Number of dwelling-houses in  
respect of which notices  
were served requiring defects  
to be remedied...

...	...	0
-----	-----	---

(2) Number of dwelling-houses in  
which defects were remedied  
after service of formal  
notices :-

(a) By owners	...	...	1
(b) By local authority in default of owners...	...	...	0

(c) Proceedings under Sections 11 and 13  
of the Housing Act, 1936...

...	0
-----	---

(d) Proceedings under Section 12 of the  
Housing Act, 1936

...	...	0
-----	-----	---

#### 4. Overcrowding.

(a) (i)	Number of dwellings over-crowded at the end of the year ...	...	...	5
(ii)	Number of families dwelling therein ...	...	...	5
(iii)	Number of persons dwelling therein ...	...	...	43
(b)	Number of cases of over-crowding reported during the year ...	...	...	0
(c)	Number of cases of over-crowding relieved during the year ...	...	...	0
(d)	Number of cases in which dwellinghouses have again become over-crowded after the Local Authority have taken steps for the abatement of overcrowding			0

#### INSPECTION AND SUPERVISION OF FOOD.

##### Milk.

The following licences under the Milk (Special Designations) Order were issued :-

Pasteurisers' Licences ... ... ... 2

Dealers' Principal Licences.

Tuberculin Tested	...	...	...	5
Pasteurised	...	...	...	1

Dealers' Supplementary Licences.

Tuberculin Tested	...	...	...	3
Pasteurised	...	...	...	3

##### Food and Drugs Act 1938 - Meat and Other Foods.

Four slaughter-house licences were granted for the 12 months ending 31st December 1940 and these premises were systematically visited until the Ministry of Food established central slaughter-houses, when slaughtering ceased in this district.

Certificates of registration were issued in respect of forty-two premises used for the preparation and manufacture of food, and sixteen in respect of premises used for the manufacture or sale of Ice Cream.

##### Adulteration, etc.

Hereunder is a table shewing the work carried out under the Food and Drugs Act by the County Authority :-

Articles.	Analysed.			Adulterated or Deteriorated.		
	Formal.	Informal.	Total.	Formal.	Informal.	Total.
Milk ... ...	34	12	46	3	5	8
Full Cream sweetened condensed milk..	-	1	1	-	-	-
Butter ... ...	-	1	1	-	-	-
Saccharine Tablets.. ...	-	1	1	-	-	-
Sausages.. ...	-	3	3	-	-	-
Confectionery and Jam.. ...	-	1	1	-	-	-
Halibut Liver Oil ... ...	-	1	1	-	-	-
Beer ... ...	-	2	2	-	-	-
"Keiller-Vita" ...	-	1	1	-	1	1
Honey ... ...	-	1	1	-	-	-
Tinned Ham ... ...	-	1	1	-	-	-
Bacon ... ...	-	1	1	-	-	-
Apple Rings ... ...	-	1	1	-	1	1
Drugs ... ...	-	1	1	-	-	-
TOTALS ... ...	34	28	62	3	7	10

Proceedings were instituted in 1941 in connection with one of the formal samples found to be adulterated.

#### INFECTIOUS AND OTHER DISEASES.

The number of cases of notifiable infectious diseases, excluding Tuberculosis, reported during the year is shewn in the following table :-

Disease.	Number notified.	Removed to Hospital.	Total Deaths.
Scarlet Fever ... ...	21	21	-
Diphtheria ... ...	2	2	1
Pneumonia ... ...	21	20	17
Erysipelas ... ...	8	6	-
Dysentery ... ...	5	5	-
Measles ... ...	90	-	-
Whooping Cough ... ...	10	-	-
TOTALS ... ...	157	54	18

The cases of infectious disease notified during the year call for no special comment.

Of the non-notifiable infectious diseases, the usual increased incidence of Influenza occurred in the early part of the year.

### Immunisation.

Facilities for immunisation against diphtheria were provided by the Council at the beginning of the year and with the co-operation of local medical practitioners, head teachers and the County School and Infant Welfare Services 1,513 children were protected; of this number 201 were under 5 years of age.

### Bacteriological Examinations.

The following specimens were examined :-

		<u>Positive.</u>	<u>Negative.</u>	<u>Total.</u>
Swabs for Klebs Loeffler				
Bacilli	...	...	0	10
				10
Swabs for Streptococci.			0	1
				1
Sputa for Tuberclle				
Bacilli	...	...	0	4
				4
TOTALS...	...		0	15
				15

### TUBERCULOSIS.

#### New Cases and Mortality during Year 1940.

Age Periods.	New Cases.						Deaths.			
	Respir- atory.		Non- Respir- atory.		Respir- atory.		Non- Respir- atory.			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0-	...	...	-	-	1	-	-	-	1	-
1-	...	...	-	-	-	1	-	-	-	1
5-	...	...	-	-	1	1	-	-	-	-
10-	...	...	-	-	-	1	-	-	-	-
15-	...	...	2	-	1	2	-	0	2	-
20-	...	...	2	1	-	-	-	-	-	-
25-	...	...	-	2	-	1	1	3	-	-
35-	...	...	1	2	-	1	1	2	-	-
45-	...	...	2	-	-	-	-	-	-	-
55-	...	...	-	-	-	-	-	-	-	-
65 & upwards	...	...	-	-	-	-	1	-	-	-
TOTALS	...		7	5	3	7	3	5	3	1

One death from Non-Respiratory Tuberculosis was not notified to me as a case of Tuberculosis before death. It was diagnosed only after a post-mortem examination.

No action was necessary in connection with the exclusion from work of employees in the milk trade or for the compulsory removal to hospital of infectious persons.

I am, Gentlemen,

Your obedient Servant,

*Frank R. Carruth*

MEDICAL OFFICER OF HEALTH.

December 1941.

Report of Chief Sanitary Inspector.

Mr. Chairman, Madam and Gentlemen,

I beg to submit my report for the year 1940.

War conditions and duties in connection with Civil Defence have again affected the normal work of the department.

INSPECTIONS.

The following table shews the inspections made during the year :-

Primary Inspections of Premises ...	...	259
Caravans inspected ...	...	4
Re-Inspections after service of Notices ...	...	417
Visits to Works in progress ...	...	42
"    " Factories (Excl. Bakehouses) ...	...	5
"    " Bakehouses ...	...	44
"    " Slaughterhouses ...	...	10
"    " Other Food Premises ...	...	198
"    " Cowsheds and Dairies ...	...	152
"    " Stables and Piggeries ...	...	8
"    " Swimming Baths...	...	4
"    " Shops under Shops Acts...	...	121
"    " Hairdressers' and Barbers' premises	...	20
Patrols under Shops Acts...	...	11
Visits re Overcrowding Survey ...	...	12
"    " Presence of Vermin ...	...	34
"    " Infectious Diseases ...	...	87
"    " Cesspool Emptying ...	...	93
"    " Civil Defence ...	...	522
Miscellaneous Visits ...	...	238
TOTALS	...	<u>2,281</u>

SANITARY IMPROVEMENTS.

The following improvements were carried out :-

Premises drained to sewers ...	...	...	2
(Inc. Premises partly redrained ...	1)		
Defective drains repaired ...	...	...	4
Drains unstopped and cleansed ...	...	...	56
Inspection chamber covers renewed ...	...	...	3
W.C.'s. provided with new pans and traps ...	...	...	2
W.C. fittings repaired ...	...	...	11
New sinks fixed ...	...	...	1
Trapped wastepipes fixed...	...	...	12
WATER TESTS applied ...	...	5	
SMOKE TESTS applied ...	...	12	
Chimney stacks repaired or rebuilt ...	...	...	6
Roofs repaired ...	...	...	17
Guttering or downpipes provided or repaired			11
Damp walls remedied ...	...	...	26
External walls repaired ...	...	...	10
Yards, footpaths or passages paved ...	...	...	3
Yards, footpaths or passages repaved ...	...	...	3
Yards, footpaths or passages repaired ...	...	...	4
Steps repaired or renewed ...	...	...	4

Defective floors repaired	...	...	8
Stoves repaired or renewed	...	...	7
Coppers repaired	...	...	5
Defective wall plaster repaired	...	...	17
Defective ceiling plaster repaired	...	...	10
Dirty walls cleansed	...	...	45
Dirty ceilings cleansed	...	...	50
Nuisances from manure and refuse abated	...	...	2
Nuisances from animals abated	...	...	1
New dustbins provided	...	...	5
Miscellaneous defects remedied	...	...	98

#### NOTICES.

Informal Notices issued	...	...	117
Informal Notices complied with	...	...	85
Statutory Notices served	...	...	0
Statutory Notices complied with	...	...	4

#### CESSPOOL EMPTYING.

##### In Urban District.

Area.	1940.	1939.	1938.	1937.	1936.
	Loads	Loads	Loads	Loads	Loads
Caterham	...	120	178	464	274
Warlingham	...	109	239	127	169
Chaldon	...	796	822	783	820
Woldingham	...	1091	1077	1224	1017
TOTALS	...	2116	2316	2598	2280
					2362

##### In Neighbouring Areas.

1940.	1939.	1938.	1937.	1936.
Loads	Loads	Loads	Loads	Loads
48	40	29	47	35

For several years the work of cesspool emptying has been carried out by the use of one 750 gallon motor emptier, the personnel of which have been obliged to work a considerable amount of overtime in order to cope with the work. In 1940 the black-out restricted the use of the machine and thus the amount of work which could be undertaken was reduced.

#### HOUSE DRAINAGE.

The house drainage of 2 properties, 1 in Caterham and 1 in Warlingham was diverted from cesspools and connected with the public sewers during the year.

INSPECTION OF FOOD AND FOOD PREMISES.

Locally-Killed Meat.

The following table shews the number of each class of animal slaughtered locally. Ante-mortem inspection is not carried out as a routine but a 100% post-mortem examination of carcasses and offal was made.

Carcases Inspected.

	Total.	Cattle exclud- ing Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number killed..	147	7	-	13	32	95
Number Inspect- ed ...	147	7	-	13	32	95

Hereunder is a record of the meat condemned during the year :-

Carcases and/or Offal Condemned.

	Cattle exclud- ing Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs
For all diseases except Tuberculosis.					
Whole carcasses condemned...	-	-	-	-	1
Carcases of which some part or organ was condemned ... ...	-	-	-	1	6
Percentage of the number inspected affected with disease other than Tuberculosis ...	-	-	-	3.125	7.37
For Tuberculosis only.					
Whole carcasses condemned...	-	-	-	-	-
Carcases of which some part or organ was condemned ... ...	4	-	-	-	3
Percentage of the number inspected affected with Tuberculosis ...	57.14	-	-	-	3.16

Hereunder is a list of unsound food destroyed :-

<u>Oxen.</u>	2 Top-pieces	...	...	Tuberculosis.
	2 mesenteries	...	...	"
	1 liver	...	...	"
<u>Sheep.</u>	1 liver	...	...	Parasites.
<u>Pigs.</u>	1 carcase	...	...	Fevered.
	1 head	...	...	Tuberculosis.
	2 plucks	...	...	"
	3 livers	...	...	Cirrhosis.
	2 hearts	...	...	Pericarditis.
	1 mesentery	...	...	Tuberculosis.
32 jars Jam, Honey etc.	...	...	...	Unsound.
13 pkts. Gravy thickening, and Soup	...	...	...	"
165 tins and bottles Fruit	...	...	...	"
117 tins and bottles Vegetables...	...	...	...	"
36 tins and bottles Pickles	...	...	...	"
113 tins and pkts. Milk Products..	...	...	...	"
6 pkts. Cereals, etc.	...	...	...	"
14 pkts. Cheese	...	...	...	"
12 pkts. Custard	...	...	...	"
1 pkt. Sponge Mixture...	...	...	...	"
3 bottles Salad Cream...	...	...	...	"
6 bottles and cubes Meat Extracts	...	...	...	"
18 tins and jars Meat products...	...	...	...	"
2 cartons Cooking Fat...	...	...	...	"
2 pkts. Salt	...	...	...	"
35 tins Fish	...	...	...	"
310 eggs	...	...	...	"
3 cwt. 13 lbs. Bacon	...	...	...	"
1 box Milk Chocolate Marshmallow Eggs...	...	...	...	"
18 pkts. and bottles Fruit Brinks	...	...	...	"
34 lbs. sausages.			)	
6 sheep's hearts.			)	
14½ lbs. Bacon.			)	
7 lbs. Cooking Fat.			)	
56 lbs. Potatoes.			)	
70 Cabbages and Cauliflowers.			)	
32 lbs. Carrots.			)	Damaged
145 lbs. Apples.			)	by
33 lbs. Pears.			)	dust,
17 lbs. Tomatoes.			)	glass
3 lbs. 5 ozs. Butter and Margerine.			)	etc.
¾ lb. Tea.			)	through
4 lbs. Sugar.			)	enemy
25 jars Jam, Lemon Curd, etc.			)	action.
29 pkts. Jellies, Blancmange Powders, etc.			)	
1½ lbs. Pearl Barley.			)	
4 bottles Sauce, etc.			)	
6 lbs. Salt.			)	
1 Apple Tart.			)	
20 lbs. 10 ozs. Chocolate and Confectionery.)				

Milk and Dairies.

Cowkeepers :-

On register at end of 1940 ...

8

Cowsheds :-

On register at end of 1940 ... 14.

Retail Purveyors of Milk :-

With dairies within Urban District ... ... ...	10.
With dairies outside Urban District ... ... ...	7.
Retailers registered to sell milk in sealed bottled only...	9.

152 visits were made to dairies and cowsheds during the year.

Satisfactory provision for the sterilisation of milk vessels continued to be made at all dairies and cowsheds in the district.

I am again pleased to be able to report that 99% of the milk produced in this district for sale is "Tuberculin Tested" (one farm only) or "Accredited", and sampling, carried out by Officers of the Public Control Department of the County Council, to ascertain that this milk is maintained at the required standard, had not produced by the end of 1940 one adverse report since the first Accredited licence was issued in 1936.

21 samples of Pasteurised milk were certified by the Bacteriologist to have satisfied the prescribed test. The efficiency of pasteurisation was checked by phosphatase tests which indicated that 4 of the 21 samples examined had been inefficiently pasteurised or had been mixed with raw milk. Two of the adverse reports were due to incorrect operation of the processing machinery and the other two were traced to worn valves which were repaired or replaced.

Five raw and two "Accredited" milk samples proved on examination to be satisfactory.

DISINFECTION.

Number of rooms fumigated after cases of infectious disease ... ...	24.
Bundles of bedding steam-disinfected after cases of infectious disease ...	21.

DISINFESTATION.

Number of sprayings of rooms with Insecticide ... ... ...	31.
--	-----

I am, Gentlemen,

Your obedient Servant,

*L. C. C. and S.*  
CHIEF SANITARY INSPECTOR.

December 1941.

